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INCINERATOR ... concrete block



Engineers at the University of Connecticut designed this oil-fired incinerator. It is capable of burning a variety of material—trash, garbage, dead poultry, or any other combustible refuse that is small enough to be placed in the incinerator basket. Incineration of dead birds and similar material may cause a bad odor. This can be alleviated by heating the firebrick in the combustion chamber before placing the material to be burned in it. This helps the burning of the volatile gases and eliminates most of the odor.

Garbage should be drained and wrapped in paper before placing it in the steel basket for burning. The steel basket can be taken from the incinerator so that tin cans and other incombustible material mixed with the garbage can be removed. Heat of incineration destroys all disease organisms, making this method of trash disposal desirable and relatively inexpensive.

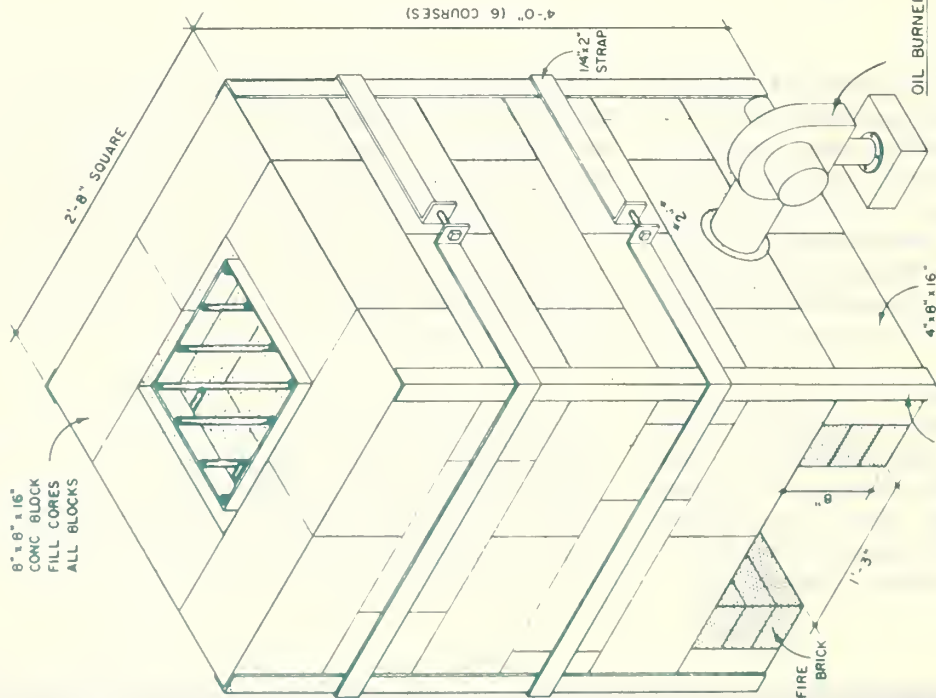
The incinerator should be operated only when it can be attended and supervised by a responsible person. An attendant is needed to see that incineration consumes all the combustible material, that the area is kept sanitary, and that sparks do not cause unwanted fire.

Incineration is one method of disposing of garbage accumulated in picnic areas. This can be done during inspections when tables are scrubbed and litter and garbage are removed.

A large scale drawing may be obtained from the extension agricultural engineer at your State university. There may be a small charge to cover cost of printing.

If you do not know the location of your State university, send your request to Agricultural Engineer, Federal Extension Service, U.S. Department of Agriculture, Washington, D.C. 20250. He will forward your request to the correct university.

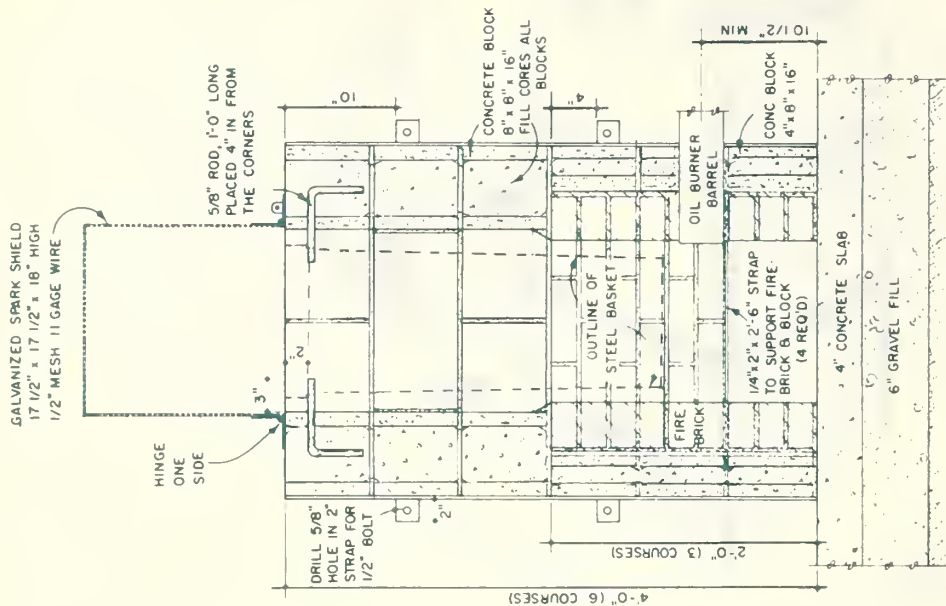
ORDER PLAN NO. 5996, INCINERATOR



ISOMETRIC VIEW
(SPARK SHIELD REMOVED)

NOTES

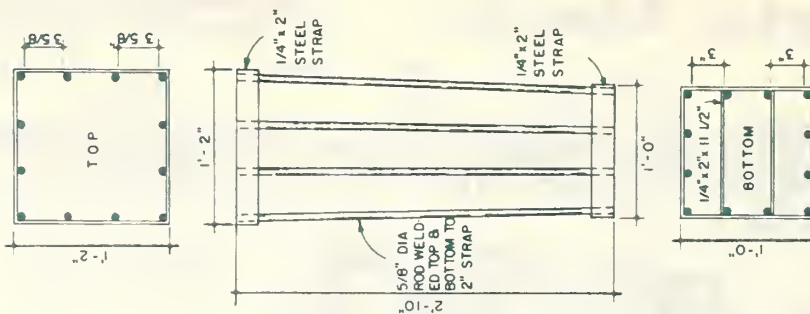
- 1 INCINERATOR SLAB
 - A PLACE ON A WELL DRAINED SITE OR PROVIDE ADEQUATE FROST PROTECTION AT EDGES
 - B SIZE DETERMINED BY TYPE OF BURNER & SIZE OF WEATHER PROOF SHELTER PROVIDED
 - C PROVIDE TWO 8" x 15" OPENINGS AT BASE OF INCINERATOR
 - D PROVIDE COVER FOR INCINERATOR WHEN NOT IN USE



SECTION THRU INCINERATOR

BILL OF MATERIALS

ITEM	SIZE	PCS
CONCRETE BLOCK	8" x 8" x 16"	6
A STRETCHERS	8" x 8" x 16"	12
B CORNERS	8" x 8" x 16"	4
C PARTITION	8" x 8" x 16"	12
D PARTITION (CORNERS)	8" x 8" x 16"	4
E PARTITION (HALL)	8" x 8" x 16"	12
FIRE BRICK	2 1/2" x 4 1/2" x 9"	80
ANGLE STRAP	1/4" x 1/2" x 1/2"	40
ROD	5/8" DIAMETER	40
BOLT	1/2" x 4"	4
OIL BURNER & CONTROLS		1
SPARK SHIELD		1



BASKET DETAILS

BASED ON UNIV. OF CONN. PLAN NO. 206

COOPERATIVE EXTENSION WORK IN
AGRICULTURE AND HOME ECONOMICS

UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

INCINERATOR

USDA '65 EX 5996 SHEET 1 OF 1

